

Please amend the application as follows:

In the Claims

Please amend Claims 13 and 14. Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (page i).

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C1

13. (Twice Amended) The magnetic field sensor of Claim 34, wherein the sensor comprises a matrix of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to at least one rod or fiber of piezoelectric material that is surrounded by the matrix to produce a detectable voltage.

14. (Twice Amended) The magnetic field sensor of Claim 34, wherein the sensor comprises at least one rod or fiber of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to a matrix of piezoelectric material surrounding the at least one rod or fiber to produce a detectable voltage.

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Please add new claim 34:

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C2

34. (New) A magnetic field sensor comprising a magnetostrictive material in contact with a piezoelectric material, the magnetostrictive material straining in response to a magnetic field and imparting stress to the piezoelectric material to produce a detectable voltage signal, the magnetic field sensor comprising at least one rod or fiber of a first one of the magnetostrictive and piezoelectric materials, and a matrix of the second one of the magnetostrictive and piezoelectric material surrounding the at least one rod or fiber.

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